

Figure S3. NAGT mutant protects mice from a lethal heterosubtypic H3N2 virus challenge. 3 weeks after vaccination, mice were challenged (i.n) with a  $10\text{MLD}_{50}$  dose of H3N2/HK68. (A) Percentages of neutrophils (left) and alveolar macrophages (right) in lung tissues. (B) Percentages total dendritic cells, neutrophils, and macrophages in spleen tissues (left to right). Data represent Mean  $\pm$  SD.